

PH: (425) 420.9200 FAX: (425) 420.9210



June 11, 2007

Bill Haldeman PES Environmental 9 Lake Bellevue Dr Ste 108 Bellevue, WA/USA 98005

RE: 2555 13th Avenue SW, Seattle, WA 98134

Enclosed are the results of analyses for samples received by the laboratory on 05/21/07 17:20. The following list is a summary of the Work Orders contained in this report, generated on 06/11/07 15:36.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber	
BOE0347	2555 13th Avenue SW, Seattle	SAP# 357032	
24203.7	2000 100111101100 5 11, 5000010	511 50 / 052	

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Sandra Yakamavich, Project Manager





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PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Outfall-1-052107	BQE0347-01	Water	05/21/07 08:00	05/21/07 17:20
Outfall-2-052107	BQE0347-02	Water	05/21/07 08:30	05/21/07 17:20

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2555 13th Avenue SW, Seattle, WA 98134 **PES Environmental** Project Name:

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created: 06/11/07 15:36 Bellevue, WA/USA 98005 Project Manager: Bill Haldeman

Volatile Petroleum Products by NWTPH-Gx

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQE0347-01 (Outfall-1-052107)		Wa	ter		Samj	oled: 05/2	1/07 08:00			Н
Gasoline Range Hydrocarbons	NWTPH-Gx	ND		50.0	ug/l	1x	7F08019	06/08/07 10:30	06/08/07 13:14	
Surrogate(s): 4-BFB (FID)			87.5%		58 - 144 %	"			"	

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9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created: 06/11/07 15:36 Bellevue, WA/USA 98005 Project Manager: Bill Haldeman

Total Metals by EPA 200 Series Methods

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Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQE0347-01	(Outfall-1-052107)		Wa	ter		Sam	pled: 05/2	1/07 08:00			
Copper		EPA 200.7	ND		0.0100	mg/l	1x	7E22006	05/22/07 09:08	05/22/07 15:21	
Lead		"	ND		0.0500	"	"	"	"	"	
Zinc		"	0.0549		0.0200	"	"	"	"	"	

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2555 13th Avenue SW, Seattle, WA 98134 **PES Environmental** Project Name:

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created: 06/11/07 15:36 Bellevue, WA/USA 98005 Project Manager: Bill Haldeman

Organochlorine Pesticides and PCBs by EPA Method 608

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Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQE0347-01	(Outfall-1-052107)		Wa	ter		Sampl	led: 05/2	21/07 08:00			
Aroclor 1016		EPA 608	ND		0.472	ug/l	1x	7E25024	05/25/07 09:27	05/30/07 20:12	L
Aroclor 1221		"	ND		0.472	"	"	"	"	"	
Aroclor 1232		"	ND		0.472	"	"	"	"	"	
Aroclor 1242		"	ND		0.472	"	"	"	"	"	
Aroclor 1248		"	ND		0.472	"	"	"	"	"	
Aroclor 1254		"	ND		0.472	"	"	"	"	"	
Aroclor 1260		"	ND		0.472	"	"	"	"	"	В
Surrogate(s):	TCX			82.0%		25 - 129 %	"			"	
	Decachlorobiphenyl			30.4%		22 - 125 %	"			"	

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Sandra Yakamavich, Project Manager

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PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Purgeables by EPA Method 624

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQE0347-01 (Outfall-1-052107)		Wa	iter		Sam	pled: 05/2	21/07 08:00			
Acetone	EPA 624	ND		10.0	ug/l	1x	7E23028	05/23/07 14:47	05/23/07 15:41	
Acetonitrile	"	ND		5.00	"	"	"	"	"	
Acrolein	"	ND		5.00	"	"	"	"	"	
Acrylonitrile	"	ND		5.00	"	"	"	"	"	
Benzene	"	ND		1.00	"	"	"	"	"	
Bromodichloromethane	"	ND		1.00	"	"	"	"	"	
Bromoform	"	ND		1.00	"	"	"	"	"	
Bromomethane	"	ND		2.00	"	"	"	"	"	
2-Butanone	"	ND		10.0	"	"	"	"	"	
Carbon disulfide	"	ND		1.00	"	"	"	"	"	
Carbon tetrachloride	"	ND		1.00	"	"	"	"	"	
Chlorobenzene	"	ND		1.00	"	"	"		"	
Chloroethane	"	ND		1.00	"	"	"	"	"	
2-Chloroethylvinyl ether	"	ND		5.00	"	"	"	"	"	
Chloroform	"	ND		1.00	"	"	"	"	"	
Chloromethane	"	ND		5.00	"	"	"	"	"	
Dibromochloromethane	"	ND		1.00	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	"	ND		5.00	"	"	"		"	
1,2-Dibromoethane	"	ND		1.00	"	"	"	"	"	
Dibromomethane	"	ND		1.00	"	"	"	"	"	
1,2-Dichlorobenzene	"	ND		1.00	"	"	"	"	"	
1,3-Dichlorobenzene	"	ND		1.00	"	"	"	"	"	
1,4-Dichlorobenzene	"	ND		1.00	"	"	"	"	"	
Dichlorodifluoromethane	"	ND		1.00	"	"	"	"	"	
1,1-Dichloroethane	"	ND		1.00	"	"	"	"	"	
1,2-Dichloroethane	"	ND		1.00	"	"	"	"	"	
1,1-Dichloroethene	"	ND		1.00	"	"	"	"	"	
cis-1,2-Dichloroethene	"	ND		1.00	"	"	"	"	"	
trans-1,2-Dichloroethene	"	ND		1.00	"	"	"	"	"	
1,2-Dichloropropane	"	ND		1.00	"	"	"	"	"	
cis-1,3-Dichloropropene	"	ND		1.00	"	"	"	"	"	
trans-1,3-Dichloropropene	"	ND		1.00	"	"	"	"	"	
Ethylbenzene	"	ND		1.00	"	"	"	"	"	
2-Hexanone	"	ND		10.0	"	"	"	"	"	
4-Methyl-2-pentanone	"	ND		10.0	"	"	"	"	"	
Methylene chloride	"	ND		5.00	"	"	"	"	"	
Styrene	"	ND		1.00	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	"	ND		1.00	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	"	ND		1.00	"	"	"	"	"	
Tetrachloroethene	"	ND		1.00	"	"	"	"	"	
Toluene	"	ND		1.00	"	"	"	"	"	
1,1,1-Trichloroethane	"	ND		1.00	"	"	"	"	"	
1,1,2-Trichloroethane	"	ND		1.00	"	"	"	"	"	

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Sandra Yakamavich, Project Manager





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PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Purgeables by EPA Method 624

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQE0347-01 (Outfall-1-052107)		Wa	ter		Sampl	led: 05/2	21/07 08:00			
Trichloroethene	EPA 624	ND		1.00	ug/l	1x	7E23028	05/23/07 14:47	05/23/07 15:41	
Trichlorofluoromethane	"	ND		1.00	"	"	"	"	"	
1,2,3-Trichloropropane	"	ND		1.00	"	"	"	"	"	
Vinyl acetate	"	ND		5.00	"	"	"	"	"	
Vinyl chloride	"	ND		1.00	"	"	"	"	"	
o-Xylene	"	ND		1.00	"	"	"	"	"	
m,p-Xylene	"	ND		2.00	"	"	"	"	"	
Surrogate(s): 1,2-DCA-d4			102%		70 - 130 %	"			"	
Toluene-d8			102%		70 - 130 %	"			"	
4-BFB			104%		70 - 130 %	"			"	

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9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created: 06/11/07 15:36 Bellevue, WA/USA 98005 Project Manager: Bill Haldeman

Conventional Chemistry Parameters by APHA/EPA Methods

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BQE0347-01 (Outfall-1-052107)		Wa	iter		Sam	pled: 05/2	21/07 08:00			
Oil & Grease (HEM)	EPA 1664A	ND		4.72	mg/l	1x	7E31023	05/31/07 09:20	06/04/07 16:32	
Total Petroleum Hydrocarbons (SGT-HEM)	"	ND		4.72	"	"	"	"	"	
BQE0347-02 (Outfall-2-052107)		Wa	iter		Sam	pled: 05/2	21/07 08:30			
Oil & Grease (HEM)	EPA 1664A	ND		4.72	mg/l	1x	7E31023	05/31/07 09:20	06/04/07 16:32	
Total Petroleum Hydrocarbons (SGT-HEM)	"	ND		4.72	"	"	"	"	"	

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Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Volatile Petroleum Products by NWTPH-Gx - Laboratory Quality Control Results TestAmerica - Seattle, WA

			Т	estAmerica -	Seattle, WA	1								
QC Batch: 7F08019	Water 1	Preparatio	n Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL	* MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (7F08019-BLK1)								Extra	cted:	06/08/07 10	:30			
Gasoline Range Hydrocarbons	NWTPH-Gx	ND		50.0	ug/l	1x							06/08/07 11:42	
Surrogate(s): 4-BFB (FID)		Recovery:	84.7%	Lin	nits: 58-144%	"							06/08/07 11:42	
LCS (7F08019-BS1)								Extra	cted:	06/08/07 10	:30			
Gasoline Range Hydrocarbons	NWTPH-Gx	1100		50.0	ug/l	1x		1000	110%	(80-120)			06/08/07 12:42	
Surrogate(s): 4-BFB (FID)		Recovery:	93.8%	Lin	nits: 58-144%	"							06/08/07 12:42	
Duplicate (7F08019-DUP1)				QC Source:	BQF0059-01			Extra	cted:	06/08/07 10	:30			
Gasoline Range Hydrocarbons	NWTPH-Gx	153		50.0	ug/l	1x	154				0.651%	6 (25)	06/08/07 21:06	
Surrogate(s): 4-BFB (FID)		Recovery:	84.3%	Lin	nits: 58-144%	"							06/08/07 21:06	
Duplicate (7F08019-DUP2)				QC Source:	BQF0095-01			Extra	cted:	06/08/07 10	:30			
Gasoline Range Hydrocarbons	NWTPH-Gx	ND		50.0	ug/l	1x	ND				64.8%	(25)	06/09/07 03:38	R
Surrogate(s): 4-BFB (FID)		Recovery:	87.3%	Lin	nits: 58-144%	"							06/09/07 03:38	
Matrix Spike (7F08019-MS1)				QC Source:	BQF0012-01			Extra	cted:	06/08/07 10	:30			
Gasoline Range Hydrocarbons	NWTPH-Gx	1210		50.0	ug/l	1x	168	1000	104%	(75-131)			06/08/07 15:40	
Surrogate(s): 4-BFB (FID)		Recovery:	93.7%	Lin	nits: 58-144%	"							06/08/07 15:40	
Matrix Spike Dup (7F08019-MS	SD1)			QC Source:	BQF0012-01			Extra	cted:	06/08/07 10	:30			
Gasoline Range Hydrocarbons	NWTPH-Gx	1160		50.0	ug/l	1x	168	1000 9	99.2%	(75-131)	4.22%	(25)	06/08/07 16:12	
Surrogate(s): 4-BFB (FID)		Recovery:	91.5%	Lin	nits: 58-144%	"							06/08/07 16:12	

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Sandra Yakamavich, Project Manager





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9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Total Metals by EPA 200 Series Methods - Laboratory Quality Control Results

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QC Batch: 7E22006	Water P	reparation M	lethod: E	PA 200 Se	ries									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (7E22006-BLK1)								Exti	racted:	05/22/07 09	:08			
Zinc	EPA 200.7	ND		0.0200	mg/l	1x							05/22/07 14:55	
Copper	"	ND		0.0100	"	"							"	
Lead	"	ND		0.0500	"	"							"	
LCS (7E22006-BS1)								Exti	racted:	05/22/07 09	:08			
Zinc	EPA 200.7	5.27		0.0200	mg/l	1x		5.00	105%	(85-115)			05/22/07 15:02	
Copper	"	4.73		0.0100	"	"		"	94.6%	"			"	
Lead	"	4.91		0.0500	"	"		"	98.2%	"			"	
Duplicate (7E22006-DUP1)				QC Source:	BQE0347	-01		Exti	racted:	05/22/07 09	:08			
Lead	EPA 200.7	ND		0.0500	mg/l	1x	ND				NR	(20)	05/22/07 15:15	I
Zinc	"	0.0531		0.0200	"	"	0.0549				3.33%	"	"	I
Copper	"	ND		0.0100	"	"	ND				10.0%	"	"	1
Matrix Spike (7E22006-MS1)				QC Source:	BQE0347	-01		Exti	racted:	05/22/07 09	:08			
Zinc	EPA 200.7	5.36		0.0200	mg/l	1x	0.0549	5.00	106%	(80-120)			05/22/07 15:08	
Lead	"	4.95		0.0500	"	"	ND	"	99.0%	"			"	
Copper	"	4.78		0.0100	"	"	0.00840	"	95.4%	"			"	

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9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Organochlorine Pesticides and PCBs by EPA Method 608 - Laboratory Quality Control Results

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QC Batc	h: 7E25024	Water	Preparation	Method: 1	EPA 35200	7									
Analyte		Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Blank (7E250	24-BLK4)								Exti	racted:	05/25/07 09	:27			
Aroclor 1016		EPA 608	ND		0.500	ug/l	1x							05/30/07 19:20	
Aroclor 1221		"	ND		0.500	"	"							"	
Aroclor 1232		"	ND		0.500	"	"							"	
Aroclor 1242		"	ND		0.500	"	"							"	
Aroclor 1248		"	ND		0.500	"	"							"	
Aroclor 1248 [2C]		"	ND		0.500	"	"							"	
Aroclor 1254		"	ND		0.500	"	"							"	
Aroclor 1260		"	ND		0.500	"	"							"	
Surrogate(s):	TCX		Recovery:	80.5%	Li	mits: 25-129	% "							05/30/07 19:20	
	Decachlorobiphenyl			67.5%		22-125	5% "							"	
LCS (7E25024	4-BS2)								Exti	racted:	05/25/07 09	:27			
Aroclor 1016		EPA 608	2.71		0.500	ug/l	1x		2.50	108%	(50-114)			05/30/07 19:37	
Aroclor 1260		"	2.65		0.500	"	"		"	106%	(8-127)			"	
Surrogate(s):	TCX		Recovery:	93.5%	Li	mits: 25-129	% "							05/30/07 19:37	
	Decachlorobiphenyl			87.5%		22-125	i% "							"	
LCS Dup (7E2	25024-BSD2)								Exti	racted:	05/25/07 09	:27			
Aroclor 1016		EPA 608	2.87		0.500	ug/l	1x		2.50	115%	(50-114)	5.73%	(35)	05/30/07 19:54	
Aroclor 1260		"	2.64		0.500	"	"		"	106%	(8-127)	0.378%	. "	"	
Surrogate(s):	TCX		Recovery:	93.5%	Li	mits: 25-129	% "							05/30/07 19:54	
0 17	Decachlorobiphenyl		Í	77.5%		22-125	0/. "							"	

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Sandra Yakamavich, Project Manager





PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Purgeables by EPA Method 624 - Laboratory Quality Control Results

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QC Batch: 7E23028	Water F	Preparation M	lethod: EP	A 5030B									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike % Amt RE	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7E23028-BLK1)								Extracted	1: 05/23/07 1	2:47			
Acetone	EPA 624	ND		10.0	ug/l	1x				-		05/23/07 15:12	
Acetonitrile	"	ND		5.00	"	"						"	
Acrolein	"	ND		5.00	"	"						"	
Acrylonitrile	"	ND		5.00	"	"						"	
Benzene	"	ND		1.00	"	"						"	
Bromodichloromethane	"	ND		1.00	"	"						"	
Bromoform	"	ND		1.00	"	"						"	
Bromomethane	"	ND		2.00	"	"						"	
2-Butanone	"	ND		10.0	"	"						"	
Carbon disulfide	"	ND		1.00	"	"						"	
Carbon tetrachloride	"	ND		1.00	"	"						"	
Chlorobenzene	"	ND		1.00	"	"						"	
Chloroethane	"	ND		1.00	"	"						,,	
2-Chloroethylvinyl ether	"	ND		5.00	"	"						,,	
Chloroform	,,	ND		1.00	"	"						"	
Chloromethane	,,	ND		5.00	"	"						"	
Dibromochloromethane	,,	ND		1.00	"	,,						,,	
1,2-Dibromo-3-chloropropane	,,	ND		5.00	"	,,						"	
1,2-Dibromoethane	"	ND		1.00	,,	,,						,,	
Dibromomethane	"	ND		1.00	,,	,,						,,	
1,2-Dichlorobenzene	"	ND		1.00	,,	,,				_		,,	
1,3-Dichlorobenzene	,,	ND		1.00	,,	,,						,,	
	,,	ND ND		1.00	,,	,,						,,	
1,4-Dichlorobenzene Dichlorodifluoromethane	,,	ND ND		1.00	,,	,						,,	
					,,	,						,,	
1,1-Dichloroethane		ND		1.00	,	,							
1,2-Dichloroethane		ND		1.00									
1,1-Dichloroethene		ND		1.00		,,							
cis-1,2-Dichloroethene		ND		1.00		.,							
trans-1,2-Dichloroethene		ND		1.00		"				-		"	
1,2-Dichloropropane	"	ND		1.00	"	"						"	
cis-1,3-Dichloropropene	"	ND		1.00	"	"						"	
trans-1,3-Dichloropropene	"	ND		1.00	"	"						"	
Ethylbenzene	"	ND		1.00	"	"						"	
2-Hexanone	"	ND		10.0	"	"						"	
4-Methyl-2-pentanone	"	ND		10.0	"	"						"	
Methylene chloride	"	ND		5.00	"	"						"	
Styrene	"	ND		1.00	"	"						"	
1,1,1,2-Tetrachloroethane	"	ND		1.00	"	"						"	
1,1,2,2-Tetrachloroethane	"	ND		1.00	"	"						"	

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Jandra Jacamerich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

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PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Purgeables by EPA Method 624 - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batcl	h: 7E23028	Water	Water Preparation Method: EPA 5030B												
Analyte		Method	Result	MDL*	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes		
Blank (7E2302	28-BLK1)								Exti	acted:	05/23/07 12	:47			
Tetrachloroethene		EPA 624	ND		1.00	ug/l	1x							05/23/07 15:12	
Toluene		"	ND		1.00	"	"							"	
1,1,1-Trichloroethane	e	"	ND		1.00	"	"							"	
1,1,2-Trichloroethan	e	"	ND		1.00	"	"							"	
Trichloroethene		"	ND		1.00	"	"							"	
Trichlorofluorometha	ane	"	ND		1.00	"	"							"	
1,2,3-Trichloropropa	ine	"	ND		1.00	"	"							•	
Vinyl acetate		"	ND		5.00	"	"							"	
Vinyl chloride		"	ND		1.00	"	"							"	
o-Xylene		"	ND		1.00	"	"							"	
m,p-Xylene		"	ND		2.00	"	"							"	
Surrogate(s):	1,2-DCA-d4		Recovery:	98.5%	I is	nits: 70-130%	,,							05/23/07 15:12	
Surroguie(s).	Toluene-d8		Recovery.	101%	Lin	70-130%								"	
	4-BFB			102%		70-130%								"	
LCS (7E23028	8-BS1)								Ext	racted:	05/23/07 12	:47			
Acetone		EPA 624	183		10.0	ug/l	1x		200	91.5%	(70-130)			05/23/07 13:31	
Benzene		"	18.2		1.00	"	"		20.0	91.0%	(75-125)			"	
Bromodichlorometha	ane	"	18.7		1.00	"	"		"	93.5%	"			"	
Bromoform		"	18.2		1.00	"	"		"	91.0%	"			"	
Bromomethane		"	21.9		2.00	"	"		"	110%	"			"	
2-Butanone		"	193		10.0	"	"		200	96.5%	(70-130)			"	
Carbon disulfide		"	19.9		1.00	"	"		20.0	99.5%	"			"	
Carbon tetrachloride		"	22.6		1.00	"	"		"	113%	(75-125)			"	
Chlorobenzene		"	19.4		1.00	"	"		"	97.0%	"			"	
Chloroethane		"	19.7		1.00	"	"		"	98.5%	"			"	
Chloroform		"	19.0		1.00	"	"		"	95.0%	"			"	
Chloromethane		"	18.4		5.00	"	"		"	92.0%	,,			"	
Dibromochlorometha	ane	"	19.2		1.00	"			"	96.0%	"			"	
1,2-Dibromo-3-chlor			18.4		5.00	"	,,		"	92.0%	(70-130)			"	
1,2-Dibromoethane	- r - r		19.4		1.00	"	,,		"	97.0%	"			"	
Dibromomethane		"	19.7		1.00	"	,,		"	98.5%				,,	
1,2-Dichlorobenzene	,	,,	20.0		1.00	,,	,,		"	100%	(75-125)			,,	
1,3-Dichlorobenzene		"	19.9		1.00	"	,,		"	99.5%	"			,,	
1,4-Dichlorobenzene		,,	19.9		1.00	,,	,,		"	99.5%				,	
Dichlorodifluorometl		,,	24.7		1.00	,,	,,		"	124%	(70-130)			,	
	nanc				1.00	,,	,		,,			-		,	
1,1-Dichloroethane			18.8			,,				94.0%	(75-125)				
1,2-Dichloroethane			20.0		1.00					100%				,	
1,1-Dichloroethene		"	20.7		1.00	"	"		"	104%	"			"	

TestAmerica - Seattle, WA

Jandra Jacamerich

Sandra Yakamavich, Project Manager





PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Purgeables by EPA Method 624 - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7E23028	Water l	Preparation M	Iethod: EP	A 5030B										
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	e % REC	(Limits)	% RPD	(Limits)	Analyzed	Note
LCS (7E23028-BS1)		Extracted: 05/23/07 12:47												
cis-1,2-Dichloroethene	EPA 624	20.0		1.00	ug/l	1x		20.0	100%	(70-130)			05/23/07 13:31	
trans-1,2-Dichloroethene	"	19.9		1.00	"	"		"	99.5%	(75-125)			"	
,2-Dichloropropane	"	18.9		1.00	"	"		"	94.5%	"			"	
cis-1,3-Dichloropropene	"	18.5		1.00	"	"		"	92.5%	"			"	
rans-1,3-Dichloropropene	"	19.6		1.00	"	"		"	98.0%	"			"	
Ethylbenzene	"	19.6		1.00	"	"		"	98.0%	"		-	"	
2-Hexanone	"	194		10.0	"	"		200	97.0%	(70-130)			"	
-Methyl-2-pentanone	"	187		10.0	"	"		"	93.5%	"			"	
Methylene chloride	"	18.4		5.00	"	"		20.0	92.0%	(75-125)			"	
Styrene	"	19.8		1.00	"	"		"	99.0%	(70-130)			"	
,1,1,2-Tetrachloroethane	"	20.2		1.00	"	"		"	101%	"			"	
,1,2,2-Tetrachloroethane	"	17.6		1.00	"	"		"	88.0%	(75-125)			"	
etrachloroethene	"	20.9		1.00	"	"		"	104%	(75-130)			"	
oluene	"	18.9		1.00	"	"		"	94.5%	(75-120)			"	
,1,1-Trichloroethane	"	21.6		1.00	"	"		"	108%	(75-130)			"	
,1,2-Trichloroethane	"	19.2		1.00	"	"		"	96.0%	"			"	
Crichloroethene	"	20.3		1.00	"	"		"	102%	(75-120)			"	
Trichlorofluoromethane	"	23.3		1.00	"	"		"	116%	(75-130)			"	
1,2,3-Trichloropropane	"	18.5		1.00	"	"		"	92.5%	(70-130)			"	
/inyl chloride	"	20.9		1.00	"	"		"	104%	(75-125)			"	
o-Xylene	"	19.6		1.00	"	"		"	98.0%	(70-130)			"	
n,p-Xylene	"	38.4		2.00	"	"		40.0	96.0%	"			"	
Surrogate(s): 1,2-DCA-d4		Recovery: 1	02%	Lin	nits: 70-130%	6 "							05/23/07 13:31	
Toluene-d8			01%		70-130								"	
4-BFB		9.	8.0%		70-130	% "							"	
Matrix Spike (7E23028-MS1)				QC Source:	BQE0387-	03		Ext	racted:	05/23/07 12	:47			
Acetone	EPA 624	174		10.0	ug/l	1x	ND	200	87.0%	(50-150)			05/23/07 22:53	
Benzene	"	20.1		1.00	"	"	ND	20.0	100%	(37-151)			"	
Bromodichloromethane	"	20.0		1.00	"	"	ND	"	100%	(35-155)			"	
Bromoform	"	18.5		1.00	"	"	ND	"	92.5%	(45-169)			"	
Bromomethane	"	26.2		2.00	"	"	ND	"	131%	(50-150)			"	

TestAmerica - Seattle, WA

2-Butanone

Carbon disulfide

Chlorobenzene

Chloroethane

Chloroform

Chloromethane

Carbon tetrachloride

Sandra Yakamavich, Project Manager

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10.0

1.00

1.00

1.00

1.00

1.00

5.00

ND

ND

ND

ND

1.39

0.420

ND

200 87.5%

112%

120%

106%

107%

111%

108%

(70-140)

(37-160)

(14-230)

(51-138)

(0-273)

175

22 3

24.1

21.3

22.8

22.6

21.6



PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

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Purgeables by EPA Method 624 - Laboratory Quality Control Results

TestAmerica - Seattle, WA

Marrix Spike (7E23028-MS1)	Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)) Analyzed	Not
1.2-Ditormorehane	Matrix Spike (7E23028-MS1)														
1.2.Debtomendame	Dibromochloromethane	EPA 624	20.0		1.00	ug/l	1x	ND	20.0	100%	(53-149)			05/23/07 22:53	
	1,2-Dibromo-3-chloropropane	"	16.4		5.00	"	"	ND	"	82.0%	(50-150)			"	
	1,2-Dibromoethane	"	20.2		1.00	"	"	ND	"	101%	"			"	
	Dibromomethane	"	20.4		1.00	"	"	ND	"	102%	"			"	
	1,2-Dichlorobenzene	"	21.2		1.00	"	"	ND	"	106%	(18-190)			"	
	1,3-Dichlorobenzene	"	21.3		1.00	"	"	ND	"	106%	(59-156)			"	
1.1-bichlorotchane	1,4-Dichlorobenzene	"	21.4		1.00	"	"	ND	"	107%	(18-190)			"	
1.2-Dichloroethane 1.2-Dichloroethane 1.1-Dichloroethane 1.33.1 1.00 1.00 1.00 1.00 1.00 1.00 1.	Dichlorodifluoromethane	"	26.6		1.00	"	"	ND	"	133%	(50-150)			"	
	1,1-Dichloroethane	"	41.4		1.00	"	"	19.8	"	108%	(59-155)			"	
	1,2-Dichloroethane	"	21.5		1.00	"	"	ND	"	108%	(49-155)			"	
1.2-Dichloroethene	1,1-Dichloroethene	"	33.1		1.00	"	"	9.43	"	118%	(59-158)			"	
Control Cont	cis-1,2-Dichloroethene	"	314		1.00	"	"	291	"	115%	(50-150)			"	
19.7 1.00 " ND	trans-1,2-Dichloroethene	"	24.1		1.00	"	"	1.67	"	112%	(54-156)			"	
trans-1,3-Dichloropropene " 19.4 1.00 " ND " 97.0% (17-183) " Ethylbenzene " 21.4 1.00 " ND " 107% (37-162) " Ethylbenzene " 179 10.0 " ND " 107% (37-162) " 4-Methyl-2-pentanone " 179 10.0 " ND " 87.5% " " 4-Methyl-2-pentanone " 175 10.0 " ND " 87.5% " " Methylene chloride " 19.6 5.00 " ND " 87.5% " " Styrene " 21.4 1.00 " ND " 107% (50-150) " Styrene " 21.4 1.00 " ND " 107% (50-150) " 1,1,1,2-Tetrachloroethane " 17.5 1.00 " ND " 109% " " 1,1,1,2-Tetrachloroethane " 17.5 1.00 " ND " 87.5% (46-157) " Tetrachloroethene " 23.3 1.00 " ND " 87.5% (46-157) " Toluene " 20.7 1.00 " ND " 104% (47-150) " 1,1,1-Trichloroethane " 47.8 1.00 " ND " 104% (47-150) " 1,1,1-Trichloroethane " 19.6 1.00 " ND " 104% (50-162) " Trichloroethane " 19.6 1.00 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-160) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " 10.0 " ND " 104% (50-162) " Trichloroethane " ND " 104%	1,2-Dichloropropane	"	20.6		1.00	"	"	ND	"	103%	(0-210)			"	
Ethylbenzene " 21.4	cis-1,3-Dichloropropene	"	19.7		1.00	"	"	ND	"	98.5%	(0-227)			"	
2-Hexanone " 179 10.0 " " ND 200 89.5% (50-150) " 4-Methyl-2-pentanone " 175 10.0 " " ND 200 89.5% (50-150) " Methylene chloride " 19.6 5.00 " " ND 20.0 98.0% (25-221) " Styrene " 21.4 1.00 " " ND " 107% (50-150) " 1,1,1,2-Tetrachloroethane " 21.8 1.00 " " ND " 109% " " 1,1,2-Tetrachloroethane " 23.3 1.00 " " ND " 87.5% (46-157) " Tetrachloroethane " 23.3 1.00 " " ND " 113% (64-148) " Toluene " 20.7 1.00 " " ND " 104% (47-150) " 1,1,1-Trichloroethane " 47.8 1.00 " " ND " 12.3 " 128% (52-162) " 1,1,1-Trichloroethane " 19.6 1.00 " " ND " 98.0% (52-150) " Trichloroethane " 70.9 1.00 " " ND " 98.0% (52-150) " Trichloroethane " 26.3 1.00 " " ND " 132% (17-181) " Trichloroethane " 18.2 1.00 " " ND " 132% (17-181) " Trichloropopane " 18.2 1.00 " " ND " 118 " 55.0% (0-251) "	trans-1,3-Dichloropropene	"	19.4		1.00	"	"	ND	"	97.0%	(17-183)			"	
4-Methyl-2-pentanone " 175 10.0 " ND " 87.5% " " Methylene chloride " 19.6 5.00 " ND " 87.5% " " Styrene " 21.4 1.00 " ND " 107% (50-150) " 1,1,1,2-Tetrachloroethane " 21.8 1.00 " ND " 109% " " 1,1,2-Tetrachloroethane " 17.5 1.00 " ND " 109% " " Tetrachloroethane " 23.3 1.00 " ND " 132% (46-157) " Toluene " 20.7 1.00 " ND " 113% (64-148) " 1,1,1-Trichloroethane " 47.8 1.00 " ND " 104% (47-150) " 1,1,1-Trichloroethane " 19.6 1.00 " ND " 12.3 " 128% (52-162) " 1,1,2-Trichloroethane " 19.6 1.00 " ND " 104% (47-150) " Trichloroethane " 10.0 " ND " 10.0 " 10.	Ethylbenzene	"	21.4		1.00	"	"	ND	"	107%	(37-162)			"	
Methylene chloride " 19.6 5.00 " " ND 20.0 98.0% (25-221) " Styrene " 21.4 1.00 " " ND " 107% (50-150) " 1,1,1,2-Tetrachloroethane " 17.5 1.00 " " ND " 109% " " 1,1,2,2-Tetrachloroethane " 17.5 1.00 " " ND " 87.5% (46-157) " Tetrachloroethene " 23.3 1.00 " " ND " 132% (64-148) " Toluene " 20.7 1.00 " " ND " 104% (47-150) " 1,1,1-Trichloroethane " 47.8 1.00 " " ND " 128% (52-162) " 1,1,2-Trichloroethane " 19.6 1.00 " " ND " 98.0% (52-150) " Trichloroethane " 70.9 1.00 " " ND " 98.0% (52-150) " Trichloroethane " 26.3 1.00 " " ND " 132% (17-181) " Trichloroptopane " 18.2 1.00 " " ND " 91.0% (50-150) " Vinyl chloride " 129 1.00 " " ND " 91.0% (50-150) "	2-Hexanone	"	179		10.0	"	"	ND	200	89.5%	(50-150)			"	
Styrene " 21.4 1.00 " " ND " 107% (50-150) " " 1,1,1,2-Tetrachloroethane " 21.8 1.00 " " ND " 109% " " " 1,1,2,2-Tetrachloroethane " 17.5 1.00 " " ND " 87.5% (46-157) " " Tetrachloroethane " 23.3 1.00 " " ND " 87.5% (46-157) " " Toluene " 20.7 1.00 " " ND " 104% (47-150) " " 1,1,1-Trichloroethane " 47.8 1.00 " " ND " 122.3 " 128% (52-162) " " 1,1,2-Trichloroethane " 19.6 1.00 " " ND " 98.0% (52-150) " " Trichloroethane " 70.9 1.00 " " ND " 98.0% (52-150) " " Trichloroethane " 26.3 1.00 " " ND " 132% (17-181) " " 1,2,3-Trichloropropane " 18.2 1.00 " " ND " 91.0% (50-150) " " Vinjl chloride " 129 1.00 " " ND " 118 " 55.0% (0-251) " " " Vinjl chloride " 129 1.00 " " 118 " 55.0% (0-251) " " " " Vinjl chloride	4-Methyl-2-pentanone	"	175		10.0	"	"	ND	"	87.5%	"			"	
1,1,1,2-Tetrachloroethane " 21.8 1.00 " " ND " 109% " " " 1,1,2,2-Tetrachloroethane " 17.5 1.00 " " ND " 87.5% (46-157) " " Tetrachloroethane " 23.3 1.00 " " ND " 113% (64-148) " " 1,1,1-Trichloroethane " 20.7 1.00 " " ND " 104% (47-150) " " 1,1,1-Trichloroethane " 47.8 1.00 " " ND " 22.3 " 128% (52-162) " " 1,1,2-Trichloroethane " 19.6 1.00 " " ND " 98.0% (52-150) " " Trichloroethane " 70.9 1.00 " " ND " 98.0% (52-150) " " Trichloroethane " 26.3 1.00 " " ND " 132% (17-181) " " 1,2,3-Trichloropropane " 18.2 1.00 " " ND " 91.0% (50-150) " " Vinyl chloride " 129 1.00 " " ND " 118 " 55.0% (0-251) " "	Methylene chloride	"	19.6		5.00	"	"	ND	20.0	98.0%	(25-221)			"	
1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,1,1-Trichloroethane 1,1,1,1-Trichloroethane 1,1,1,1-Trichloroethane 1,1,1,1-Trichloroethane 1,1,1,2-Trichloroethane 1,1,1,2-Trichloroethane 1,1,2,1-Trichloroethane 1,1,2,1-Trichlor	Styrene	"	21.4		1.00	"	"	ND	"	107%	(50-150)			"	
Tetrachloroethene " 23.3 1.00 " " 0.720 " 113% (64-148) " Toluene " 20.7 1.00 " " ND " 104% (47-150) " 1,1,1-Trichloroethane " 47.8 1.00 " " 22.3 " 128% (52-162) " 1,1,2-Trichloroethane " 19.6 1.00 " " ND " 98.0% (52-150) " Trichloroethane " 70.9 1.00 " " 49.5 " 107% (71-157) " Trichlorofluoromethane " 26.3 1.00 " " ND " 132% (17-181) " Trichloropropane " 18.2 1.00 " " ND " 91.0% (50-150) " " 1,2,3-Trichloropropane " 129 1.00 " " 118 " 55.0% (0-251) " " 1.00 " " " 1.00 " " " 1.00 " 1.00 " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " 1.00 " " 1.00 " " 1.00 " " 1.00 " " 1.00 " 1.00 " " 1.00 " " 1.00 " 1.00 " 1.00 " " 1.00 " 1.00 " " 1.00 " 1.00 " " 1.00 " 1.00 " " 1.00 " 1.00 " 1.00 " 1.00 " 1.00 " 1.	1,1,1,2-Tetrachloroethane	"	21.8		1.00	"	"	ND	"	109%	"			"	
Toluene " 20.7 1.00 " " ND " 104% (47-150) " " 1,1,1-Trichloroethane " 47.8 1.00 " " ND " 98.0% (52-162) " 1,1,2-Trichloroethane " 19.6 1.00 " " ND " 98.0% (52-150) " Trichloroethane " 70.9 1.00 " " 49.5 " 107% (71-157) " Trichloroethane " 26.3 1.00 " " ND " 132% (17-181) " " 1,2,3-Trichloropropane " 18.2 1.00 " " ND " 91.0% (50-150) " " Vinyl chloride " 129 1.00 " " 118 " 55.0% (0-251) " "	1,1,2,2-Tetrachloroethane	"	17.5		1.00	"	"	ND	"	87.5%	(46-157)			"	
1,1,1-Trichloroethane " 47.8 1.00 " " 22.3 " 128% (52-162) " 1,1,2-Trichloroethane " 19.6 1.00 " " ND " 98.0% (52-150) " Trichloroethane " 70.9 1.00 " " 49.5 " 107% (71-157) " Trichlorofluoromethane " 26.3 1.00 " " ND " 132% (17-181) " 1,2,3-Trichloropropane " 18.2 1.00 " " ND " 91.0% (50-150) " Vinyl chloride " 129 1.00 " " 118 " 55.0% (0-251) "	Tetrachloroethene	"	23.3		1.00	"	"	0.720	"	113%	(64-148)			"	
1,1,1-Trichloroethane	Toluene	"	20.7		1.00	"	"	ND	"	104%	(47-150)			"	
Trichloroethene " 70.9 1.00 " " 49.5 " 107% (71-157) " Trichloroptomethane " 26.3 1.00 " " ND " 132% (17-181) " 1,2,3-Trichloropropane " 18.2 1.00 " " ND " 91.0% (50-150) " Vinyl chloride " 129 1.00 " " 118 " 55.0% (0-251) "	1,1,1-Trichloroethane	"	47.8		1.00	"	"	22.3	"	128%	(52-162)			"	
Trichlorofluoromethane " 26.3 1.00 " " ND " 132% (17-181) " 1,2,3-Trichloropropane " 18.2 1.00 " " ND " 91.0% (50-150) " Vinyl chloride " 129 1.00 " " 118 " 55.0% (0-251) "	1,1,2-Trichloroethane	"	19.6		1.00	"	"	ND	"	98.0%	(52-150)			"	
Tricinformulation	Trichloroethene	"	70.9		1.00	"	"	49.5	"	107%	(71-157)			"	
Vinyl chloride " 129 1.00 " " 118 " 55.0% (0-251) "	Trichlorofluoromethane	"	26.3		1.00	"	"	ND	"	132%	(17-181)			"	
Villy clinique 129 1.00 116 55.0% (0-251)	1,2,3-Trichloropropane	"	18.2		1.00	"	"	ND	"	91.0%	(50-150)			"	
o-Xylene " 21.2 1.00 " " ND " 106% (50-150) "	Vinyl chloride	"	129		1.00	"	"	118	"	55.0%	(0-251)			"	
	o-Xylene	•	21.2		1.00	"	"	ND	"	106%	(50-150)			"	
m,p-Xylene " 42.3 2.00 " " ND 40.0 106% " "	m,p-Xylene	"	42.3		2.00	"	"	ND	40.0	106%	"			"	

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Sandra Yakamavich, Project Manager

4-BFB

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



70-130% "

99.5%



PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Purgeables by EPA Method 624 - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7E23028 Water Preparation Method: EPA 5030B Source Spike Analyte Method Result MDL* MRL Units Dil (Limits) RPD REC Result Amt BQE0387-03 Matrix Spike Dup (7E23028-MSD1) **QC** Source: Extracted: 05/23/07 12:47 EPA 624 173 10.0 ND 86.5% (50-150) 0.576% (50) 05/23/07 23:23 ug/l 3.54% 194 1.00 ND 20.0 97.0% (37-151) Bromodichloromethane 19.5 1.00 ND 97.5% (35-155)2.53% 18.2 1.00 ND Bromoform 91.0% (45-169)1.63% 24.7 2.00 ND 124% (50-150) Bromomethane 5.89% 2-Butanone 180 10.0 ND 200 90.0% 21.4 1.00 ND 107% 4.12% Carbon disulfide 20.0 22.5 1.00 ND (70-140) Carbon tetrachloride 112% 6.87% 1.00 Chlorobenzene 20.8 ND 104% (37-160)2.38% 22.5 Chloroethane 1.00 1.39 106% (14-230)1.32% 1.00 0.420 105% Chloroform 21.4 (51-138)5.45% Chloromethane 20.2 5.00 ND 101% (0-273)6.70% 19.6 1.00 ND 98.0% (53-149) Dibromochloromethane 2.02% 1,2-Dibromo-3-chloropropane 5.00 ND 84.5% (50-150)16.9 3.00% 1,2-Dibromoethane 199 1.00 ND 99.5% 1.50% Dibromomethane 198 1.00 ND 99.0% 2 99% 1 2-Dichlorobenzene 21.4 1.00 ND 107% (18-190)0.939% 1,3-Dichlorobenzene 21.6 1.00 ND 108% (59-156)1.40% 1,4-Dichlorobenzene 21.0 1.00 ND 105% (18-190)1.89% Dichlorodifluoromethane 24 4 1.00 ND 122% (50-150)8.63% 1,1-Dichloroethane 39 6 1.00 198 99.0% (59-155) 4.44% 20.8 1.00 ND 104% (49-155) 3.31% 1.00 9.43 31.2 109% (59-158) trans-1,2-Dichloroethene 1.00 108% (54-156) 3.81% 1,2-Dichloropropane 1.00 ND 100% (0-210)2.96% cis-1,3-Dichloropropene 1.00 ND 94.0% (0-227)4.68% trans-1,3-Dichloropropene 1.00 ND 97.0% (17-183)0.00% 2.84% Ethylbenzene 20.8 1.00 ND 104% (37-162) ND 2-Hexanone 181 10.0 200 90.5% (50-150)1.11% 88.0% 4-Methyl-2-pentanone 176 10.0 ND 0.570% Methylene chloride 192 5.00 ND 20.0 96.0% (25-221)2.06% Styrene 21.0 1.00 ND 105% (50-150)1 89% 1,1,1,2-Tetrachloroethane 213 1.00 ND 106% 2 32% 1,1,2,2-Tetrachloroethane 17.7 1.00 ND 88.5% (46-157)1 14% Tetrachloroethene 22 2 1.00 0.720 107% (64-148)4 84% Toluene 20.3 1.00 ND 102% (47-150)1.95% 1,1,1-Trichloroethane 45.4 1.00 22.3 116% (52-162)5.15%

TestAmerica - Seattle, WA

1.1.2-Trichloroethane

Trichloroethene

Sandra Yakamavich. Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

0.509%

5.21% "



1.00

1.00

ND

49.5

98.5%

89.0%

(52-150)

(71-157)

19.7

67.3



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2555 13th Avenue SW, Seattle, WA 98134 **PES Environmental** Project Name:

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created: Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Purgeables by EPA Method 624 - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7E23028	Water I	Preparation .	Method: E	PA 5030B														
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)) Analyzed	Notes				
Matrix Spike Dup (7E23028-	MSD1)			QC Source:	BQE0387-03		Extracted: 05/23/07 12:47											
Trichlorofluoromethane	EPA 624	24.0		1.00	ug/l	1x	ND	20.0	120%	(17-181)	9.15%	(50)	05/23/07 23:23					
1,2,3-Trichloropropane	"	18.3		1.00	"	"	ND	"	91.5%	(50-150)	0.548%	ó "	"					
Vinyl chloride	"	120		1.00	"	"	118	"	10.0%	(0-251)	7.23%	"	"					
o-Xylene	"	20.5		1.00	"	"	ND	"	102%	(50-150)	3.36%	"	"					
m,p-Xylene	"	41.3		2.00	"	"	ND	40.0	103%	"	2.39%	"	"					
Surrogate(s): 1,2-DCA-d4		Recovery:	98.5%	Lin	nits: 70-130%	"							05/23/07 23:23					
Toluene-d8			100%		70-130%	"							"					
4-BFB			99.5%		70-130%	"							"					

TestAmerica - Seattle, WA

Sandra Yakamavich, Project Manager







PES Environmental Project Name: 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Conventional Chemistry Parameters by APHA/EPA Methods - Laboratory Quality Control Results

TestAmerica - Seattle, WA

QC Batch: 7E31023	Water P												
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike % Amt RI		% RPD	(Limits) Analyzed	Notes
Blank (7E31023-BLK1)								Extracte	d: 05/31/07 09	9:20			
Oil & Grease (HEM)	EPA 1664A	ND		5.00	mg/l	1x						06/04/07 16:32	
Total Petroleum Hydrocarbons (SGT-HEM)	"	ND		5.00	"	"						"	
LCS (7E31023-BS1)								Extracte	d: 05/31/07 09	9:20			
Oil & Grease (HEM)	EPA 1664A	37.5		5.00	mg/l	1x		40.0 93.	8% (78-114)			06/04/07 16:32	
Total Petroleum Hydrocarbons (SGT-HEM)	"	17.1		5.00	"	"		20.0 85.	5% (64-132)			"	
LCS Dup (7E31023-BSD1)		Extracte	d: 05/31/07 09	9:20									
Oil & Grease (HEM)	EPA 1664A	37.0		5.00	mg/l	1x		40.0 92.	5% (78-114)	1.34%	(18)	06/04/07 16:32	
Total Petroleum Hydrocarbons (SGT-HEM)	"	17.4		5.00	"	"		20.0 87.	0% (64-132)	1.74%	(34)	"	

TestAmerica - Seattle, WA

Sandra Yakamavich, Project Manager







PES Environmental Project Name 2555 13th Avenue SW, Seattle, WA 98134

9 Lake Bellevue Dr Ste 108 Project Number: SAP# 357032 Report Created:
Bellevue, WA/USA 98005 Project Manager: Bill Haldeman 06/11/07 15:36

Notes and Definitions

Report Specific Notes:

B - Analyte was detected in the associated Method Blank

H - Sample analysis performed past method-specified holding time.

 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

R4 - Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

Laboratory Reporting Conventions:

DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR/NA _ Not Reported / Not Available

dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.

wet Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.

RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B.
 *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

 Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

Reporting - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

- Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*.

Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Seattle, WA

Electronic

Signature

Sandra Yakamavich, Project Manager



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LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH - Purg	TPH - Extra	BTEX / MTBE	BTEX / MTBE +	VOCs Full	8 RCRA M	4 RCRA M		Metals (Specify):	Medals (S)	NWTPH-GX/BTEX	01 & Gree	Total Sus		VOCs (624)	SVOCs (625)	PCBs (608)	As, Cd, Cu, F	Total Cya			
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